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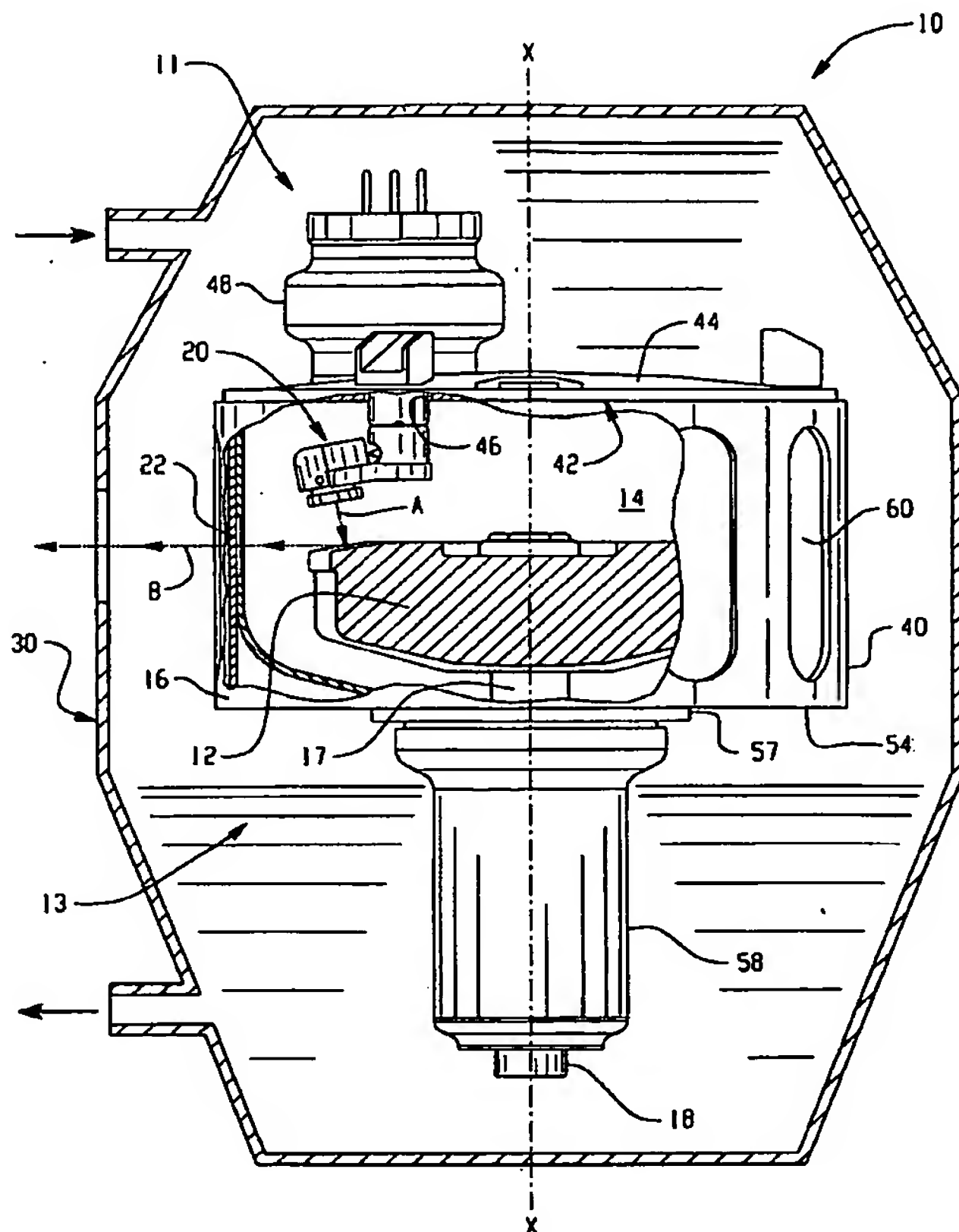
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(54) Title: COMPOSITE FRAME FOR X-RAY TUBES



(57) Abstract: An x-ray tube assembly (10) includes a frame (16) which defines an evacuated chamber (14). A central portion (40) of the frame which houses an anode (12) is formed from a thermally conductive liner (64) and a structural framework (62). The liner conducts heat away from the evacuated chamber to a surrounding cooling fluid. The framework provides windows (80, 80', 80'', 82, 82', 124), through which the liner is in direct thermal contact with both the cooling fluid and the evacuated chamber.



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